

Work Order ID 63529

Wednesday, November 03, 2010 3:03:19 PM



Page 1

Item ID: DSI 9379-011

Accept



Setup Start



Revision ID:

Item Name: Cargo Mirror Upgrade

Stop



Start Date: 11/3/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 11/3/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: mtf Date: 10-11-3 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
| DSI 9379 | Rev B |

100



DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy DSI 9379 and create labels per PPP DSI 9379-011 CHG001

0.00

0.00

Pick k.1

8/10/11/03

10/11/3

for BG 10-11-03

110



QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

Memo

Identify and pack for shipping as per PPP DSI 9379-011

0.00

0.00

8/10/11/03

ff

120



Packaging

Packaging

Packaging

loc 20

Reva

11/11/3

0.00

0.00

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Item ID: DSI 9379-011

Accept

Revision ID:

Item Name: Cargo Mirror Upgrade

Start Date: 11/3/2010 Start Qty: 1.00

Required Date: 11/3/2010 Req'd Qty: 1.00

Reference:

Cust Item ID:

Customer:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Run

Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

10/11/03
MF
10-11-03

Picklist Print

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Work Order ID: 63529

Parent Item: DSI 9379-011

Parent Item Name: Cargo Mirror Upgrade

Start Date: 11/3/2010

Required Date: 11/3/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A New Issue 07-06-28 JLM
10-523 EC verified by:DD
IPP rev B 10.02.16 asper ecn

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

D3629-1

Manufactured

No

110

Each

26.0000

1

10/11/35

Bracket

Location

Loc Qty

Loc Code

ST244A

26

62064

6

62341

20

D3635-1

Manufactured

No

110

Each

30.0000

1

10/11/35

Gasket

Location

Loc Qty

Loc Code

ST076

30

62340

30

D3635-3

Manufactured

No

110

Each

12.0000

2

10/11/35

Gasket

Location

Loc Qty

Loc Code

ST076

12

56399

12

D3646-1

Manufactured

No

110

Each

16.0000

1

10/11/35

Arm

Location

Loc Qty

Loc Code

ST229

16

60428

8

62343

8

Picklist Print

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Work Order ID: 63529

Parent Item: DSI 9379-011

Parent Item Name: Cargo Mirror Upgrade

Start Date: 11/3/2010

Required Date: 11/3/2010

Start Qty: 1.00

Required Qty: 1.00

D3646-3

Manufactured No

110 Each

16.0000

1

1



Arm



10/11/3sf

Location

Loc Qty

Loc Code

ST229

16

60429

8

62342

8

1

D4070-041

Manufactured No

110 Each

30.0000

2

2



Clamp



10/11/3sf

Location

Loc Qty

Loc Code

ST460

30

62689

30

110 Each

1,080.000

3

3

AN3-4A

Purchased No



Bolt



10/11/3sf

Location

Loc Qty

Loc Code

ST350

1080

104214

77

104291

300

104322

200

104374

200

104625

300

104817

3

110 Each

214.0000

2

2

AN4-5A

Purchased No



Bolt



10/11/3sf

Location

Loc Qty

Loc Code

ST356

214

115016

100

115767

14

115936

100

2

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Shop Packet Print

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Picklist Print

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Work Order ID: 63529

Parent Item: DSI 9379-011

Parent Item Name: Cargo Mirror Upgrade

Start Date: 11/3/2010

Required Date: 11/3/2010

Start Qty: 1.00

Required Qty: 1.00

AN960JD10 NAS1149D0363J Purchased

No

110

Each

8.0000

6

6



Washer



10/11/3 SP

Location

Loc Qty

Loc Code

ST

6

107715

6

ST335

2

105792

2

AN960JD416 NAS1149D0463J Purchased

No

110

Each

24.0000

4

4



Washer



M116055 10/11/3 SP

Location

Loc Qty

Loc Code

ST300

24

113288

24

MS21042L3 Purchased

No

110

Each

1,884.000

3

3



Nut



10/11/3 SP

Location

Loc Qty

Loc Code

ST300

1884

114784

884

115835

1000

MS21042L4 Purchased

No

110

Each

2,781.000

2

2



Nut



10/11/3 SP

Location

Loc Qty

Loc Code

ST300

2781

113422

25

114523

8

115589

1648

115621

1100

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Shop Packet Print

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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-561 REV. C

REF. CANADIAN STC: SH91-20 ISSUE 2

REF. FAA STC: SH856NE

REFERENCE ONLY

To reduce vibration, Dart has developed the D350-561-141/-143 Mirror Installations to replace the D350-561-041/-043 Mirror Installations. For customers with D350-561-041/-043 Mirror Installations at CHG 005 or earlier who would like to upgrade their installation, the DSI 9379-011 Upgrade Kit can be obtained from Dart. The components for DSI 9379-011 Kit are as defined in Section 1.0 below.

Customers upgrading their installation from D350-561-041/-043 to D350-561-141/-143 should follow instructions given in Figures 1 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

Customers who are installing a D350-561-141/-143, should refer to Figures 2 through 5 of DSI 9379 and refer to Installation Instructions D350-561 Rev. C as applicable.

This service instruction details the D350-561-141/-143 kits at CHANGE 003 or later, which use D4070-041 Clamps (replaces MS21919WDG7 clamps). For -141/-143 kits at earlier change numbers, the DSI-9379-013 Upgrade kit is available to replace the mil-spec clamps with more robust D4070-041 Clamps.

1.0 PARTS LIST

| Qty -141 | Qty -143 | Qty -045 | Qty -011 | Qty -013 | Part Number | Description |
|-------------|-------------|-------------|-------------|-------------|--------------|--|
| X | 1 | | | | D350-561-141 | SINGLE MIRROR INSTALLATION (REPLACES -041) |
| | X | | | | D350-561-143 | DUAL MIRROR INSTALLATION (REPLACES -043) |
| | 1 | X | | | D350-561-045 | MIRROR KIT |
| | | | X | | DSI-9379-011 | UPGRADE KIT |
| | | | | X | DSI-9379-013 | UPGRADE KIT |
| 1 | | 1 | | | D2011-101 | MIRROR |
| 1 | | | | | D2012-105 | ARM |
| 1 | | | | | D2012-107 | CLEVIS |
| 1 | | | | | D2012-111 | BRACKET |
| | | 2 | | | D2012-113 | CLAMP |
| 1 | | | | | D2012-115 | BRACKET |
| 2 | | | | | D2022-101 | SPACER |
| 1* | | 1* | | | D3014-1 | LOCKNUT |
| 1 | | | 1 | | D3629-1 | BRACKET |
| 1 | | | 1 | | D3635-1 | GASKET |
| 2 | | | 2 | | D3635-3 | GASKET |
| 1 | | | 1 | | D3646-1 | ARM |
| 1 | | | 1 | | D3646-3 | ARM |
| 2 | | | 2 | 2 | D4070-041 | CLAMP |
| 3 | | | 3 | | AN3-4A | BOLT |
| 1 | | | | | AN3-6A | BOLT |
| 3 | | | 2 | 2 | AN4-5A* | BOLT |
| 1 | | | | | AN4-10A | BOLT |
| 8 | | | 6 | | AN960JD10 | WASHER |
| 8 | | | 4 | 4 | AN960JD416 | WASHER |
| 1* | | 1* | | | AN960JD416L | WASHER |
| 4 | | | 3 | | MS21042L3 | NUT (OR MS21042-3) |
| 4 | | | 2 | 2 | MS21042L4 | NUT (OR MS21042-4) |

*INCLUDED AS PART OF D2011-101 MIRROR

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *D. Shepherd*
D. SHEPHERD (DE # 02)

DATE: 10.02.12
CERT. NO.: SH91-20
ISSUE NO.: 2

| | | | |
|------------|-----------------------------|--|--------------|
| C | D4070-041 WAS MS21919WDG7 | CP | 10.02.12 |
| B | MS21919WDG7 WAS MS21929WDG7 | DC | 07.11.26 |
| A | NEW ISSUE | MB | 07.07.10 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | <i>JB</i> | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | <i>JP</i> | | |
| CHECKED | <i>JP</i> | DRAWING NO. | REV. C |
| MFG. APPR. | <i>N/A</i> | DSI 9379 | SHEET 1 OF 5 |
| APPROVED | <i>JB</i> | TITLE | SCALE |
| DE APPR. | <i>JB</i> | CARGO MIRROR UPDRAGE KIT | NTS |
| DATE | 10.02.12 | COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. | |